1951-52

File No. LNP 1751 K

A. CLASS

Public works

DEPARTMENT

K BRANCH

Subject:— Electric License

Nipani

Period of depreciation of

assets.

+ 1K 1750

File No. LNP 1751 K

Std. Sectl. Slip 24-B

4,00,000–7-50—K3*
R. O. D. No. 2408, dated 21-6-22.]

Std. Book 78 a.

DOCKET SHEET

Subject:—

File No. LNP 1751

P. W. DEPT.

K BRANCH.

References:—

Date.	To whom sent	Notes and instructions.
16/6/'57	S. C.	Pl. issue u.o. to C.E B.E.G. (15-12-57)
22-11-57	I.S.	Pl. issue Ltr. to the ~~Electrician~~ C.E. B.E.G.

LNP 1751
51271

P.W.D

K.B. Pp 3~5 c/s.
Submitted.
2 The bo letter at pp 3~5 c/s may in the first instance be rfd. to the C.E. B'bay N. Grid, for report

15/6/51

H.O. to the C.E., B.E.S., dtd. 18th June 1951

DS (DS) III
EE (Chan)
19/6

(cm)

OFFICE OF THE
ELECTRICAL COMMISSIONER WITH
THE GOVERNMENT OF BOMBAY
Inward No. 20808
Date 19-6-51

Below Govt. P.W.D.U.O.R.No.LNP/1751/
51271 dated 18th June 1951.

ELECTRIC GRID OFFICES.

I enclose herewith the report submitted by Shri M.S. Yajnik, Executive Engineer(D & S)III after inspecting the work of Nipani Electricity Co. Ltd., which consist of three parts as under:-

Part I & II deal with the present condition of the layout technical data and recommendations for variation in the prescribed period of depreciation.

Part III deals with the financial data, depreciation provided and dividend declared.

B K Prasad
25/10/51.

Encl: 3 statements.

The Secy. to Govt.,
P.W.D., Bombay.
U.O.R.No.Elg/DSIII/DEP/ 30480
Dated 26 October 1951.
with Govt. P.W.D. file No.LNP 1751 K.

MAK/23.10.

Engine set No.	Details of the name plate on the engine set.	Details of the name plate on the Alternator.	Speed in R.P.M.	Year of Installation.	Whethe purcha new or 2nd ha
I.	'Deutz' Type A3 M 224 No.361464-66 year 1935 B.H.P. 75.	'Siemens Schuckert Type KF 283/14 No, 4464750 N 420/243 Y/Δ 67.5/116 A,50~ 49 KVA 0·8 P.F.	500	1936	New
II.	'Deutz' Type A3 M 224 No.361461 - 63 year 1935 B.H.P. 75.	'Siemens Schuckert Type - KF 283/14 12 B 2 No.446474 N Y/Δ 420/243 V 67.3/116 A 50~ 49 KVA. 0·8 P.F.	500	1936	New
	'Deuoy Paxman' Type - 4VX No. 24401 year 1934 B.H.P. 150.	G.E.C.No. B 40258 50 ~ 3 Ph. 420 V. 100 K.W.	600	1940	2nd hand
IV.	S.L.M. Winterthur. Type - 4 VD 25 MB 20/10050. No.8336 vertical 4 cycles B.H.P.- -234 year 1947.	'Mirrlees' 'Carolli' Type - SG 1210 D3 No.682292 3 Ph. 50 cyls. K.V.A. 175 P.F. .8 400/440 V. 252/230 A.	600	Nov. 1949.	New

/24.10

y Co. Ltd.

Date of Inspection: 20 & 21st September 1951.

Total running Hours till 31.8.1951.	Average fuel consumption in lbs/ unit.	Average lub. oil consumption in lb/BHP hr.	Max. safe load the set can take at present.	Remarks.
32,161	0.73	.0065	22 K.W.	
30,207	0.73	.0065	22 K.W.	
25,738	—	—	—	Major break down due to broken crank-shaft in March 1950. The set is idle and all parts are dismantled.
4,026	0.67	.002	120 K.W.	

Nipani E.S.Co.Ltd.

Part II.

The present position of the installed sets is as under:

Set No. 1.:- 40 K.W. The set was installed in 1936. It has completed 15 years of useful service. The running condition of the set is good. Due to war time restrictions the power house supply was restricted and hence the total running hours of this set are comparatively less. The cylinder liners are bored and new pistons and rings were fitted in the year 1946. The original cost of the set has been fully depreciated in the account books of the Co. as per 15 years of life given by the Act.

Set No. 2.:- 40 K.W. The same above remarks of set No. 1 also apply to this set.

Set No. 3.:- 100 K.W. The set was purchased 2nd hand. It was originally installed at Villuparan (Madras). It was installed at Nipani in October 1940. In March 1950 there was a Major break down and the crank-shaft broke and since then, the set is lying idle. An order for new crank shaft was placed with the manufacturers but it has not yet arrived.

Set No. 4.:- 140 K.W. The set was installed in November 1949. The running condition of the set is satifcatory.

Distribution system:- The distribution layout consists of overhead bare hard drawn copper wires run on tabular poles. It is well maintained.

General remarks:- The power house runs for 16 hours only from 3 P.M. to 7 A.M. Average daily peak load of the station is 135 K.W. while the total installed capacity of the Power House is 320 K.W.

MK/25.10.

The Nipani Electricit

Part II.

Recommendations in respect of variations in the prescrib

Sr. No.	Description of assets.	Prescribed period of depreciation as per act of 1948.	The number of years for which the asset has been in use till to date.	T v e s
1 &	2	3	4	
1.	Plant & Machinery in Generating station including plant foundations:-			
	Diesel Electric Set No. I.	15	15	
	" " " " II.	15	15	
	" " " " III.	—	11	
	" " " " IV.	15	2	
2.	Building.	30	15	
3.	Switchgear including cable connections.	20	15	
4.	Over head lines including supports (i) lines on steel or R.C.C. supports operating at nominal voltage less than 13.2 K.V.	25	15	
	Meters.	15	15	

24.10.

o. Ltd.

period of depreciation of assets.

balance of years for ch the asset may be ected to be useful ject to proper Maint repairs.	Total useful life of the assets as per recommen dation (4 and 5).	Remarks.
5	6	7
- 5	20	* No recommendation c an be given at present as the set is out of commission due to break-downs. A
5	20	
—	*	
		B
25	40	
5	20	
20	35	
5	20	

The Nipani Electricity Co. Ltd.,

Part III.

In reply to a communication, the supply Co. has supplied the following information:

I. Purchase Price of generating sets.

	Purchase year.	Purchase Price.	Purchased.
1) Set No. I	1936	Rs. 10,750/-	New.
2) Set No. II	1936	Rs. 10,750/-	New.
3) Set No. III	1940	Rs. 18,500/-	Second hand.
4) Set No. IV	1949	Rs. 74,000/-	New.

II. 1) The amount of depreciation allowed in books for each generating set with switchgear is as under:-

1) For set No. I	Rs. 9,750/-
2) " " No. II	Rs. 9,750/-
3) " " No. III	Rs. 12,950/-
4) " " No. IV	Rs. 2,200/-
Total	Rs. 34,650/-

2) The amount of depreciation allowed in the books for distribution system is Rs.5631-6-0.

3) The amount od depreciation allowed in the books for power house building is Rs.3887-0-3.

4) The amount od depreciation allowed in the books on meters is Rs.8795/-.

5) Total amount of depreciation of all assets up to the date of the last closing year (31.3.1950) is Rs.59603-2-0

III. The present valuation of various assets the books are as under:

1) Power house building.	Rs.25,000/-
2) Plant and Machinery.	Rs. 1,23,000/-
3) Mains.	Rs. 40,000/-
4) Meters.	Rs. 8,000/-
5) Service connections.	Rs. 8,000/-
6) Motors and pumps.	Rs. 3,200/-
7) Furniture and cycles.	Rs. 2,500/-
	Rs. 2,09,700/-

IV) .....

IV) Dividend declared in the last five years is as below:-

1)	Year 1946	1%
2)	" 1947	2%
3)	" 1948	2%
4)	" 1949	Nil.
5)	" 1950	Nil.

MAK/24.10.

15 LNP 1751/92761

K.Br. P.W.D.

Submitted with reference to the p.1 O.N. dated the 15-6-51.

2/- Please see the report submitted by pp3-13 the C.E; B.E.S. with regard to the variation in the prescribed period of depreciation in respect of the Cap assets. The C.E., has not recommended variation in the prescribed period in respect of Cap Set No III, because the same was at that time out of commision due to breakdowns. The C.E; B.E.S. may perhaps be requested U.O. to state whether the set has since been put into commision & if so, to also to suggest suitable period for depreciation in respect of that set.

x vide 'A' on p. 9 ante

3/- The C.E; B.E.S. has not recommended any period in respect of Cap Set No. IV, Presumably the C.E; does not considers that no variation in the prescribed period of depreciation is necy. in respect of this set. The C.E; B.E.S. may perhaps be requested to confirm this presumption.

p. 9 ante

24-11-51

THE ENGINEER
BOMBAY ELECTRICITY BOARD, BOMBAY
Inward No. 34554
Date 29/11

3708 30.11.51

D.S (Gen)
E.E (W.S) III
29/11

U.O. to the C.E; B.E.S. of the 28-11-51.

17

Below Govt.P.W.D. U.O.R.No.LNP.1751/ 92761 dated 28.11.51.

Electric Grid Offices,

1. The set No.III of the Nipani Electricity Company, Nipani is still out of commission due to a broken crank-shaft of the Davey Paxman set. The order for the new crank shaft has been placed with the makers in England. It is expected that the supply will be made within the next three months or so as per information obtained from the Company's recent letter to this office. The period of depreciation cannot be ascertained as the set is not in running order.

2. The presumption made that no variation in the prescribed period of depreciation is necessary regarding set No.IV is correct.

14/1/52

To

The Secy.to Govt.,
P.W.D.,Bombay.

U.O.R.No.Elg./DS.III/DEP/ 1187
Bombay 1: 15th Jan.1952.

K/12.1.

[Copy- Original 19 in file No. 2122/48]

Below U.O.R.No.2122/48 dated the 10th May 1950 from Government in the Public Works Department.

No.LRM31/1707 of 1950.
Bombay, 12th May 1950.

Returned with compliments.

2. I agree with the Secretary's note. The periods of depreciation in respect of the various assets as proposed seem to be satisfactory and may be adopted.

Sd/-
Electrical Engineer to Govt.

2122/48/38461.

El.Br.(I). Public Works Department.

Submitted with reference to the Secy.'s note dated the 9-5-50.

2. Please see the Electrical Engineer's U.O.R. within. In view thereof it is for orders whether the periods of depreciation proposed in respect of the various assets of the Supply Coys. mentioned at S.Nos.(1) to (9) in para. 1 of the O.N. within may be approved.

Yes.
Id.K.V.J.
22/5

3. The El.Engr. has since returned the files in respect of the Supply Coys. mentioned at S.Nos.(10) to (12) in para 1 of the O.N.within. Statements showing comparison of periods of depreciation in respect of the various assets of these Coys., except generating sets, have been attached in the respective files. Information re: generating sets of these three Coys. has been indicated in the consolidated statement. In this connection it may be stated that the Supply Coy. mentioned at S.No.(10) in para. 1 of the O.N. within has intimated that it does not now want any variations in the prescribed period of depreciation in respect of its assets. This Coy.'s application for variation in the prescribed

period.....

period of depreciation may therefore if approved, be treated as cancelled and it may be informed accordingly.) Yes.) Id. K.V.J.) 22/5

4. It is for orders what period of depreciation may be allowed in respect of the various assets of the Supply Coys. mentioned at S.Nos. (11) and (12) in para. 1 of the O.N. within.

Id.B.D.P.
20/5/50.

Margins.

I have indicated at the appropriate places, the periods of depreciation which should be adopted in respect of the various depreciable assets of the Amalgamated Ely.(Coy.) Belgaum Ltd. and to Dharwar Ely.Supply Co. There are no special points which require comments so far as these cases are concerned.

Id. K.V.J(oglekar)
22/5/1950
Dy. Secy.

Id. G.V.B(edekar),
22/5
Secy.

Id. J.N.M(ehta),
24/5/50.
H.M.

VMW.
25/5/50.

K Bar

LNP 1251
7634

P.W.D.

Submitted.

2/- The papers deal with the request pp 3-5 cs. from the Nipani Ely. Coy., Ltd. for variation in the prescribed period of depreciation in respect of its four generating sets.

X Slip S
pp 45-46

3/- A statement showing the comparison of the periods of depreciation as prescribed in the Ely (Supply) Act, 1948, as applied for by the licensee, as recommended by the C.E. B.E.G in respect of the sets in question is put up below.

4/- The set No (iii) of the Co. being out of commission due to breakdowns, it is not possible for the C.E. B.E.G to ascertain the period of depreciation of that set and he has not, therefore, recommended any variation in the prescribed period of depreciation for it. In respect of set No III of the Co., the C.E. B.E.G. considers that no variation p17 in the prescribed period of depreciation is necessary.

5/- It is for orders what period of depreciation may be allowed in respect of the sets of the Co.

ord. 1/12/52

For sets I + II period of depreciation may be 20 years

D.S.(J-E)

1/12/52

Sec'y.

1/12/52

Sher Rao 6/12/52

KBr

?

LNP 1952
7634

P.W.D.

With reference to DS' orders approved by Secy: H.M. + L on overpage, the draft letter is put up for approval.

8/12/52

10/12/52

D.S (W&E).

The Nipani Electricity Company Ltd.,

HEAD OFFICE:
MALMADDI, DHARWAR

R. D. PATRAVALI
MANAGING DIRECTOR

Ref. No.

Dharwar 9 - 6 - 1951

Discription of the Diese Oil Engines maintained by the Nipani Electricity Co. Ltd.

No.. I.
Particular of Asset:- 75 B.H.P. Duetz Engine with 40 K.W. Alternators
From whom purchased :- Siemens Sauckerts Germany.
Makers No. Duetz Germany 361461-66, 4464749 N.
Date of Purchase or construction 1936. New one from the factory.
Estimated future working life 21 years.
Original cost Rs. 10750. Estimated Residuel value Rs. 1075.

No. II.
Particular of Asset:- 75 B.H.P. Duetz Engine with 40 K.W. Alternators.
From whom Purchased :- Siemens Sauckerts Germany.
Makers No. Duetz Germany 341464- 66. 446475 N.
Date of purchase or construction. 1936 new one from the factory.
Estimated future working life 21 years.
Original Cost Rs. 10750. Estimated residual value Rs. 1075.

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estimated future working life 20 years.

No. III.
Particular of Asset :- 150 B.H.P. Devy Paxman Engine with 100 K.W. Alternators.
From whom purchased:- Devy Paxman England Agents, G.E.Co.
Makers No. 24401. B. 40258.
Date of Purchase or Construction 1940, second hand.
Original Cost. Rs 18500/- Estimated residuel value, Rs. 1850/-

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No. IV.
Particular of Asset:- 234 B.H.P. S.L.M. Engine with 140 K.W. Marelli Alternators.
From whom purchased Swiss Loco Motive and Machine Works
Makers No. 8336
Date of Purchase or Construction. 1949. New one.
Original Cost 74000/- Estimated residuel Value. 7400
Estmated future working life 48 years

FOR THE NIPANI ELECTRICITY CO. LTD

MANAGING DIRECTOR

3

The Nipani Electricity Company Ltd.,

HEAD OFFICE:
MALMADDI, DHARWAR

R. D. PATRAVALI
MANAGING DIRECTOR

Ref. No. .....

Dharwar 1st June 51.1951.

To,

The Secretary to Government of Bombay
Public Works Department,
Bombay State, Bombay.

Sub:- Extension of prescribed period of Assets under Section 57 Schedule VI, of the Indian Electricity Act 1948.

Sir,

I have the honour to bring to your kind notice that the following Diesel Electric Plant and Machinery in the Generating Station of the Nipani Electricity Co. Ltd Nipani are maintained by me.

This Company has accepted the principles of Straight-Line method of Depreciation as per Para VI of the sixth Schedule under the Indian Electricity Act 1948.

No. I and II Diesel Electric Engines were purchased new in the year 1936 and uptill now they are giving work with full speed and to the entire satisfaction. Asper our experience and contact with the working, we are sure that they will give good service for the next 20 years in the least, of course, with little bit of overhauling and proper care. These are German Make and are manufactured by Duetze Company.

No. III. Diesel Electric Engine. This was purchased second hand after its working for about 5 years

The Nipani Electricity Company Ltd.,

HEAD OFFICE:
MALMADDI, DHARWAR

R. D. PATRAVALI
MANAGING DIRECTOR

Ref, No.....

Dharwar 9/6/51 194 .

in 1940..

This Engine is manufactured by M/S. Devy Paxman England. It is working in a very satisfactory manner for the last 9 years without any trouble. We have now ordered for new crank shaft and some other parts. Our orders have been duly registered by the Manufactures which are shortly expected.. If these parts are replaced there will be no trouble, what so ever, for the next 20 years.

No. IV.. Diesel Elecric Engine. This is a Swiss Loco Motive Engine, purchased new from the factory and set up in November 1949. This is very good Engine and is giving very satisfactory service. It's life may be taken, without any doubt, from 40 to 50 years.

Under the circumstances, I beg to request that your honour will kindly arrange to examine the condition of the Machinery and extend the ~~xxxxxx~~ " Priscribed Period " of the life of my assets in the least for 35 years under section 57, of the Indian Electricity Act 1948.

Hoping, you will find my application in order and favour me with your kind decession as early as possible.

Yours faithfully

For the Nipani Electricity Co. Ltd.

Managing Director.

Discription of the machinery is enclosed.

7

THE NIPANI ELECTRICITY Co. LIMITED.

REF. NO. 411 of 1951/52. NIPANI, 22nd January, 1952.

The Secretary to Govt. of Bombay,
Public Works Department,
Bombay State,
B O M B A Y.

Sub : Extension of Prescribed period of Assets under Sec. 57 Schedule VI of the Indian Electricity (Supply) Act 1948.

Sir,

With reference to this office letter dated 1-6-1951, on the above subject, I have the honour to state that, the Executive Engineer (Diesel & Steam) III, Bombay had been to our Power House on 19-9-1951 for inspection of the condition of Plant and Machinery.

His report on the matter may be on your tables by this time. We shall be very much obliged by letting us know the resultof the report in case the Government has been pleased to come to conclusion.

Awaiting the reply.

Yours faithfully,
For The Nipani Electricity Co., Ltd,

S.V. Sawant
22/1
Resident Engineer.

GSK.

K 25/1

P. W. D.
Plan No. LNP 175
Serial No. 7634

K
241-1 52

No LNP 1751 K

P W . D .

B & C (Bombay No 1),
12th, February 1952

To

The Nipani Electricity Coy., Ltd.,
Malamaddi, Dharwar
Dharwar

Subject :- Electricity (Supply) Act, 1948.
Prescribed period of depreciation
of sets.

Dear Sirs,

With reference to the correspondence ending with your letter No 611, dated the 22-1-52, on the subject mentioned above, I am directed to state that Govt. is pleased to vary, under clause XVII (8) of the Sixth Schedule to the Ely (Supply) Act, 1948, the period of depreciation specified in the Table appended to the Seventh Schedule of the above Act. in respect of the following sets only of your undertaking and fix in lieu thereof the periods shown against them :—

Depreciation of the set.	Number of years
(1) Set No I	20
(2) Set No II	20

Yours faithfully,

D. S. to Govt., PWD

Copy —

10

Copy forwarded for information to

The C.E. B.E.S. (with ref. to his No. Elg./D.S. III/BEP/1183, dated the 15-1-52).

The El. Engr. to Govt.

The A.G., Bombay.

1.3.2.52

8/2/52

Issue pp. 9-10

11/2/52 wg

12/2

Recd

14/2/52

Rajendra Singh and

18/2/52